Fig. 1

EPO - DG 1 2 8 02 2006

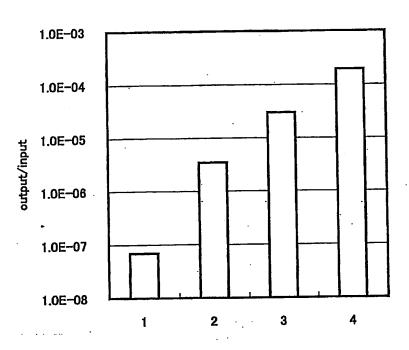
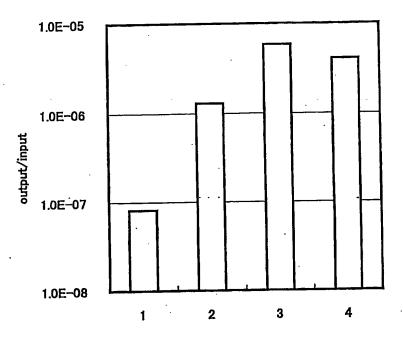


Fig. 2



e3-2-2 LDTTNVSGPMSS RKLPDAPGMHTW e3-2-3 **RKLPDAPGMHTW** e3-2-4 e3-2-5 SYRLPVYLHALL RKLPDAPGMHTW e3-2-6 **RKLPDAPGMHTW** e3-2-7 **SDPNQDWRRTTP** e3-2-8 **RKLPDAPGMHTW** e3-2-9 e3-2-10 RKLPDAPGMHTW e3-2-12 LPSQLLSQVNLT e3-2-13 RKLPDAPGMHTW e3-2-14 RKLPDAPGMHTW e3-2-15 RKLPDAPGMHTW e3-2-16 RKLPDAPGMHTW e3-2-17 RKLPDAPGMHTW e3-2-18 RKLPDAPGMHTW e3-2-19 LCANNTTSVHPP e3-2-20 RKLPDAPGMHTW e3-2-21 MQMEGKPTLTLR e3-2-22 RKLPDAPGMHTW e3-2-23 RKLPDAPGMHTW e3-2-25 RKLPDAPGMHTW e3-2-29 STLKNPINLLAN e3-2-30 RKLPDAPGMHTW e3-2-31 RKLPDAPGMHTW e3-2-33 RKLPDAPGMHTW e3-2-34 RKLPDAPGMHTW e3-2-36 RKLPDAPGMHTW e3-2-39 RKLPDAPGMHTW e3-2-40 RKLPDAPGMHTW e3-2-41 RKLPDAPGMHTW e3-2-42 RKLPDAPGMHTW e3-2-43 SCHVWYDSCSSP e3-2-45 RKLPDAPGMHTW e3-2-46 RKLPDAPGMHTW e3-2-47 RKLPDAPGMHTW e3-2-48 RKLPDAPGMHTW e3-2-49 RKLPDAPGMHTW e3-2-50 STLKNPINLLAN e3-2-51. RKLPDAPGMHTW e3-2-52 RKLPDAPGMHTW e3-2-55 QDMIRTSALMLQ e3-2-56 RKLPDAPGMHTW

CTSPTSVDC e3-4-2 **CTPSPHQGC** e3-4-3 CHTAPLPRC e3-4-4 **CTPSPHQGC** e3-4-5 **CHGATPONC** e3-4-6 **CSGHNPTHC** e3-4-7 **CTSPTSVDC** e3-4-8 **CTPSPHQGC** e3-4-9 e3-4-11 CPMWQAQQC e3-4-12 CGYYSMSHC e3-4-13 CDMLTPRSC e3-4-15 CTSPTSVDC e3-4-16 CLRLQSQDC e3-4-17 CQITWHHTC e3-4-19 CTPSPHQGC e3-4-21 CSAHHHDKC e3-4-22 CTPSPHQGC e3-4-23 CMTKNPLNC e3-4-24 CTPSPHQGC e3-4-25 CTPSPHQGC e3-4-26 CTPSPHQGC e3-4-27 CTSPTSVDC e3-4-28 CMTKNPLNC e3-4-29 CKTSLPTTC e3-4-30 CVSTYWKTC e3-4-31 CTSPTSVDC e3-4-32 CTSPTSVDC

Fig. 5

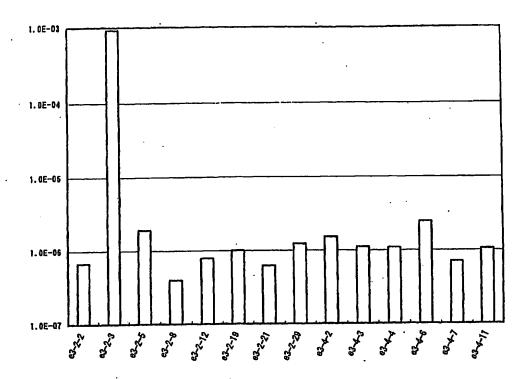
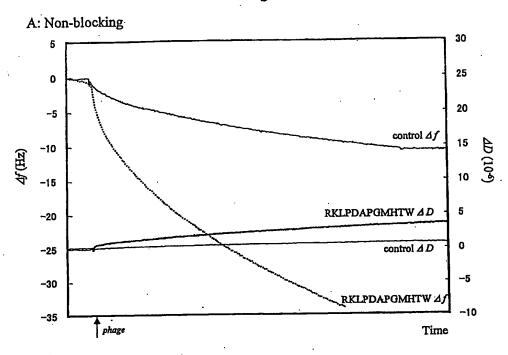


Fig. 6



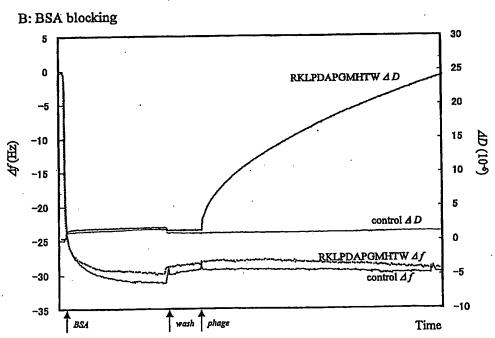
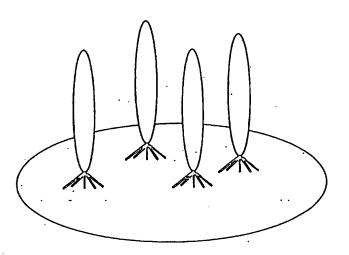
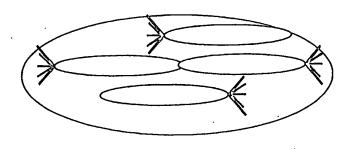


Fig. 7





R1A: AGGCAGCTTCGCAGAGTGAGAATAG

K2A: CATCAGGCAGCGCCCGAGAGTGAG

L3A: GGAGCATCAGGCGCCTTCCGAGAG

P4A: CCGGGAGCATCAGCCAGCTTCCGAG

D5A: ATCCCGGGAGCAGCAGCAGCTTC

P7A: GTATGCATCCCGGCAGCATCAGGCA

G8A: AGTATGCATCGCGGGAGCATCAGG

M9A: CCCCAAGTATGCGCCCCGGGAGCATC

H10A: TCCACCCCAAGTAGCCATCCCGGGA

T11A: TCCACCCCAAGCATGCATCCCGG

W12A: AACCTCCACCCGCAGTATGCATC

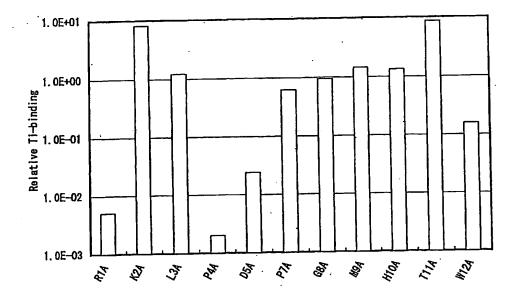
Δ7-12F; GGAGGATCCGCCGAAACTGTTGAAAGTTG

Δ7-12R; GGGGGATCCTCCACCAGCATCAGGCAGCTTCCGAG

K2AA7-12R; GGGGGATCCTCCACCAGCATCAGGCAGCGCCCGAG

Ala insert; AGCATCAGGCAGCTTCCGTGCAGAGTGAGAATAGAAAGG

Fig. 9



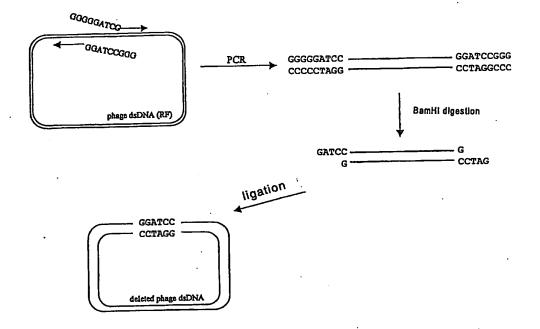


Fig. 11

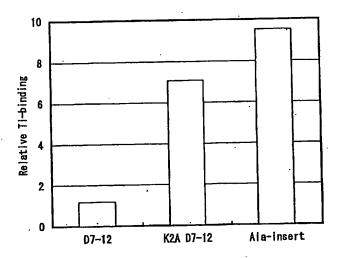


Fig. 12

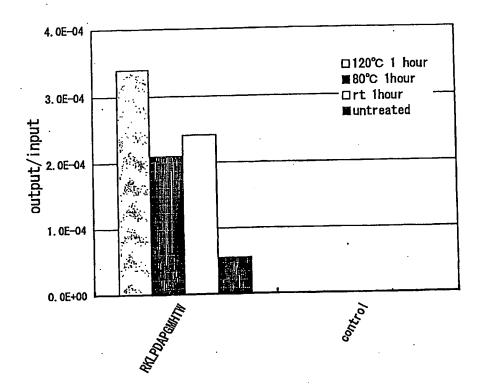


Fig. 13

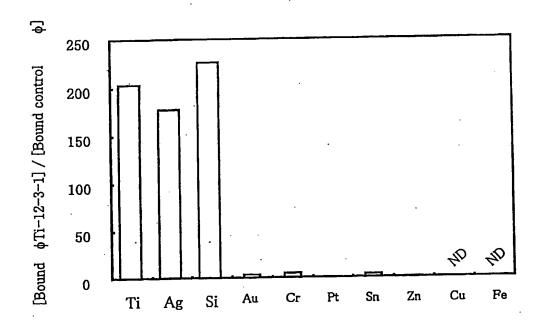


Fig. 14

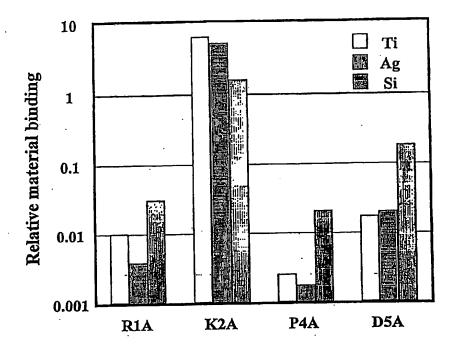
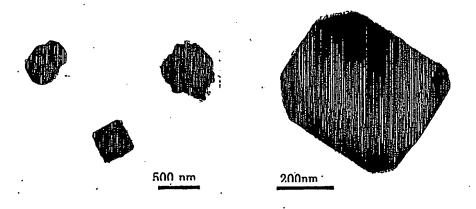


Fig. 15



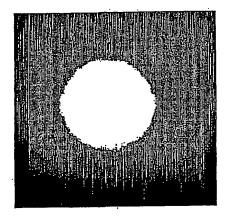


Fig. 16

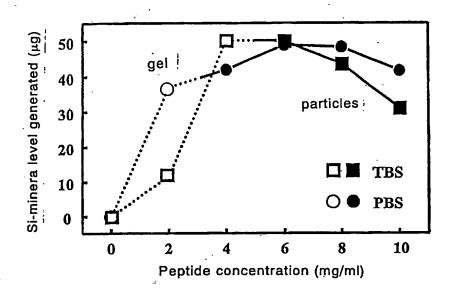
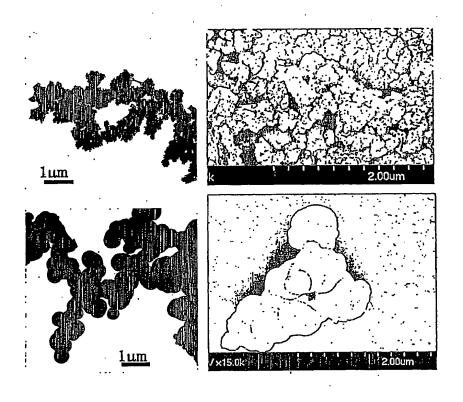


Fig. 17



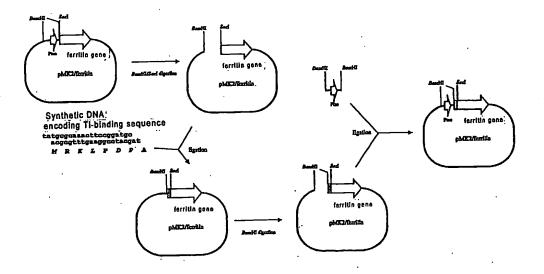


Fig. 19

